WHAT IS CLAIMED IS

1. A process of preparing an organic composition for enhancing valuable agronomic traits in plants, comprising:

a) fermenting fish to produce a soluble fish protein hydrolysate (SFPH),

b) adding homogenized seaweed to the SFPH to produce a volume so that at least about 1% but less than about 20% of the volume is seaweed,

c) fermenting the volume to hydrolyse the seaweed and to further hydrolyse the SFPH, and

d) separating a resulting top layer from the volume, which top layer is the organic composition for increasing valuable agronomic traits in plants.

2. A method of preparing an organic composition according to claim 1 further comprising adding an acid selected from the group consisting of lactic, citric, acetic, and malic to the fish to enhance fermenting the fish.

3. A method of preparing an organic composition according to claim 2 further comprising adding formic acid to the fish to enhance fermenting the fish.

4. A method of preparing an organic composition according to claim 1 wherein a majority portion of the fish are pelagic fish species.

5. A method of preparing an organic composition according to claim 3 wherein at least about 30% of the fish are selected from the group consisting of capelin, herring and menhaden.

6. A method of preparing an organic composition according to claim 1 wherein a duration of step a), fermenting fish, proceeds for a period of time between about three (3) and about ten (10) days.

7. A method of preparing an organic composition according to claim 1 wherein a duration of step a), fermenting fish, proceeds for between about three (3) and about ten (10) days; and a duration of step c), fermenting the volume to hydrolyse the seaweed and to further hydrolyse the SFPH, proceeds for a period of time between about five (5) and about twenty (20) days.

8. A method of preparing an organic composition according to claim 5 wherein a duration of step a), fermenting fish, proceeds for a period of time between about three (3) and about ten (10) days.

9. A method of preparing an organic composition according to claim 5 wherein a duration of step a), fermenting fish, proceeds for between about three (3) and about ten (10) days; and a duration of step c), fermenting the volume to hydrolyse the seaweed and to further hydrolyse the SFPH, proceeds for a period of time between about five (5) and about twenty (20) days.

10. A method of preparing an organic composition according to claim 9 wherein at least about 30% of the seaweed added in step b) is of the genus *Laminaria* (PHEOPHYCEES).

11. A method of preparing an organic composition according to claim 10 wherein the homogenized seaweed comprises at least about 50% geothermal water.

12. A method of preparing an organic composition according to claim 10 wherein steps a) and c) are substantially performed at a temperature between about 12°C and about 32°C.

13. A method of preparing an organic composition according to claim 11 wherein steps a) and c) are substantially performed at a temperature between about 18°C and about 28°C, and the resulting top layer amounts to between about 30% and about 50% of the volume.

14. An organic composition product for enhancing valuable agronomic traits in plants, produced by the process of:

a) fermenting fish to produce a soluble fish protein hydrolysate (SFPH),

b) adding homogenized seaweed to the SFPH to produce a volume so that at least about 1% but less than about 20% of the volume is seaweed,

c) fermenting the volume to hydrolyse the seaweed and to further hydrolyse the SFPH, and

d) separating a resulting top layer from the volume which is the organic composition for increasing valuable agronomic traits in plants.

15. An organic composition product for increasing valuable agronomic traits in plants, produced by the process of claim 14, wherein a majority portion of the fish are pelagic fish species.

16. An organic composition product for increasing valuable agronomic traits in plants, produced by the process of claim 15 wherein a duration of step a), fermenting fish, proceeds for between about three (3) and about ten (10) days; and a duration of step c), fermenting the volume to hydrolyse the seaweed and to further hydrolyse the SFPH, proceeds for a period of time between about five (5) and about twenty (20) days.

17. An organic composition product for increasing valuable agronomic traits in plants, produced by the process of claim 16 wherein at least about 30% of the seaweed added in step b) is of the genus *Laminaria* (PHEOPHYCEES) and the homogenized seaweed comprises at least about 50% geothermal water.

18. A method of applying an organic composition product, to enhance at least one valuable agronomic trait in a plant, produced by the process of:

a) fermenting fish to produce a soluble fish protein hydrolysate (SFPH),

b) adding homogenized seaweed to the SFPH to produce a volume so that at least about 1% but less than about 20% of the volume is seaweed,

c) fermenting the volume to hydrolyse the seaweed and to further hydrolyse the SFPH, and

d) separating a resulting top layer from the volume which is the organic composition useful for enhancing valuable agronomic traits in plants.

19. A method of applying an organic composition according to claim 18 wherein at least about 30% of the fish are selected from the group consisting of capelin, herring and menhaden, and a duration of step a), fermenting fish, proceeds for between about three (3) and about ten (10) days; and a duration of step c), fermenting the volume to hydrolyse the seaweed and to further hydrolyse the SFPH, proceeds for a period of time between about five (5) and about twenty (20) days.

20. A method of applying an organic composition according to claim 19 wherein at least about 30% of the seaweed added in step b) is of the genus *Laminaria* (PHEOPHYCEES) and the homogenized seaweed comprises at least about 50% geothermal water.

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